

FORM PTO-1590 (REV. 10-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>GIN-18CP5US</b>	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C.371</b>				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>09/745247</b>	
INTERNATIONAL APPLICATION <b>PCT/JP99/03929</b>		INTERNATIONAL FILING DATE <b>22 July 1999 (22.07.99)</b>		PRIORITY DATE CLAIMED <b>24 July 1998 (24.07.98)</b>	
TITLE OF INVENTION <b>HUMAN PROTEINS HAVING HYDROPHOBIC DOMAINS AND DNAs ENCODING THESE PROTEINS</b>					
APPLICANT(S) FOR DO EO US <b>Seishi KATO and Tomoko KIMURA</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C.371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).</li> <li>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>					
<b>Items 11. to 16. below concern document(s) or information included:</b> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information: <b>Transmittal Letter (2 sheets in duplicate); PCT Request and Fee Calculation Sheet (6 sheets); PCT Notification of Receipt of Record Copy (Form PCT/IB/301) (3 sheets); PCT Notification of Receipt of Search Copy (1 sheet); PCT Notification Concerning Submission of Priority Document (JP 10/208820 filed 24 July 1998) (PCT/IB/304) (1 sheet); PCT International Published Application (WO 00/05367) (without International Search Report) (351 sheets); Cover of PCT International Published Application (WO 00/05367) (with International Search Report attached) (12 sheets); PCT Notification of Transmittal of the International Search Report or the Declaration (14 sheets); PCT Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (PCT/IB/308) (1 sheet); PCT Information Concerning Elected Offices Notified of their Election (PCT/IB/332) (1 sheet); Notification of Receipt of Demand by Competent International Preliminary Examining Authority (1 sheet); PCT Written Opinion (NO RESPONSE NECESSARY) (4 sheets); Notification of Transmittal of the International Preliminary Examination Report (6 sheets); Check (#040892) (\$1130) based on large entity; Certificate of Express Mailing (1 sheet); and Return Postcard.</b></li> </ol>					

U.S. APPLICATION NO. (if known) (see 37 CFR 1.53) <b>09/74324</b>	INTERNATIONAL APPLICATION NO. <b>PCT/JP99/03929</b>	ATTORNEY'S DOCKET NO. <b>GIN-6718CP5US</b>
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17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5) ) .(a/o November 1, 2000):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1000  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$860  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.455(a)(2)) paid to USPTO .....\$710  International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4). ....\$690  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100  <div style="text-align: center;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>				<b>CALCULATIONS PTO USE ONLY</b>          <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;"><b>\$860</b></td> <td style="width:50%;"></td> </tr> </table>		<b>\$860</b>	
<b>\$860</b>							
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$--			
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>				
Total claims	<b>10</b> -20 =	<b>0</b>	<b>X \$18.00</b>	<b>\$0</b>			
Independent claims	<b>2</b> -3 =	<b>0</b>	<b>X \$80.00</b>	<b>\$0</b>			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			<b>+ 270.00</b>	<b>\$270</b>			
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1130</b>			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$--			
<b>SUBTOTAL =</b>				<b>\$1130</b>			
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$--			
<b>TOTAL NATIONAL FEE =</b>				<b>\$1130</b>			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				\$--			
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1130</b>			
				Amount to be: refunded	\$		
				charged	\$		

a. ☒ A check (#040892) in the amount of \$1130 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit  
 any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

AMY L. Mandragouras, Esq. LATHRIVE & COCKFIELD, L.L.P. 28 State Street Boston, Massachusetts 02109 United States of America (617)227-7400 Date: 05 January 2001	Peter C. Lauro NAME <u>32,360</u> REGISTRATION NUMBER
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IN THE UNITED STATES PATENT DESIGNATION OFFICE (DO/US)  
(International Phase of International App.: PCT/JP99/03929)

09/743247

In re the  
application of: **Seishi KATO et al.**

534 Rec'd PCT/PTC 05 JAN 2001

International Application No.: **PCT/JP99/03929**

International Filing Date: **22 July 1999**

U.S. Serial No.: **Not yet assigned**

Filed: **Herewith**

For: **HUMAN PROTEINS HAVING  
HYDROPHOBIC DOMAINS AND DNAs  
ENCODING THESE PROTEINS**

Attorney Docket No.: **GIN-6718CP5US**

Assistant Commissioner for Patents  
BOX PCT  
Washington, D.C. 20231

Certification Under 37 CFR 1.10

I hereby certify that the attached:

Transmittal Letter (2 sheets in duplicate); PCT Request and Fee Calculation Sheet (6 sheets);  
PCT Notification of Receipt of Record Copy (Form PCT/IB/301) (3 sheets); PCT Notification of  
Receipt of Search Copy (1 sheet); PCT Notification Concerning Submission of Priority Document  
(JP 10/208820 filed 24 July 1998) (PCT/IB/304) (1 sheet); PCT International Published  
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Demand by Competent International Preliminary Examining Authority (1 sheet); PCT Written  
Opinion (NO RESPONSE NECESSARY) (4 sheets); PCT Notification of Transmittal of the  
International Preliminary Examination Report (6 sheets); Check (#040892) (\$1130) based on large  
entity; Certificate of Express Mailing (1 sheet); and Return Postcard are being deposited by me  
with the United States Postal Service "Express Mail Post Office to Addressee" service, Mailing  
Label No. **EL 683 635 955 US**, under 37 CFR 1.10 on the date indicated below and is addressed  
to the Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231.

US Label No.

CARRY TAYLOR

Signature

